

# **Airline Searching System**

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# **Airline Searching System**

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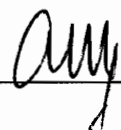
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## **Abstract**

*The development of tourism industry and global economy has made flying more and more popular in people's life. While there are many flights that share the same destination and origin, their services and price varies from different airline companies. Passengers are always seeking for ticket at a low cost and services of high quality. Unfortunately, the cheap airline is tend to offer lower quality of their services, such as no beverage supplied, luggage destroy, and so on. In order to find the best choice, users always need to make a balance between the price and service offered by the airline. This project will give the users a complete assist in choosing the best airline ticket for their fly. The flight information will be stored in the database including its price, time, date, origin and destination. Besides that, the website will offer a forum for the users who had experienced this flight to discuss their experience there, so that the potential users can check the comments and have a clearer idea of the services offered by this airline. Searching for the best ticket is time consuming and troublesome, but this system solved this problem and enable users to make the wise decision efficiently. This research used the spiral methodology, and it is expected to make the airline ticketing search easier and more efficient for the customers.*

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## **CHAPTER ONE**

### **INTRODUCTION**

#### **1. 1 Introduction**

People use flight for many purposes including tourism, business, study, medical treatment and so on (Becken & Hay, 2007). With the improving of living standard of people's life and the development of technology (Epping, 2009), the airline has become a more and more popular tool for transportation (Fojt, 2006). While the quantity of airlines increased, the service and price offered by them also varies a lot from each other (Shaw, 2007).

Services offered are highly depended on the Airline brand and target market, while the ticket price is also highly depended on the date and time, and the saleable status (Blake, & Sinclair, 2003). In order to find the cheapest price and better services, user need to search all the airline companies to get the information and this is troublesome and time-consuming (Ravelojaona & Chandra, 2008).

In this research, a prototype to help users search for the cheapest ticket is proposed, it also offers a forum to discuss about their experience of the service from those airlines. To achieve this aim, information of selected airline companies were stored in a the prototype, so the user just need to enter the origin, destination, and

The contents of  
the thesis is for  
internal user  
only

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